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THE UNITED STATES PATENT AND TRADEMARK OFFICE

U.S. PATENT APPLICATION NO. 10/726,966
FILING DATE 3 December 2003
INVENTORS Catherine A. Pipenhagen et al.
ASSIGNEE St. Jude Medical Puerto Rico B.V.
GROUP ART UNIT 3731
EXAMINER Julian W. Woo
ATTORNEY'S DOCKET NO. 47563.0012
TITLE "Vascular Sealing Device With High Surface Area Sealing Plug"

TRANSMITTAL LETTER AND CERTIFICATE OF MAILING

To: Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

From: L. Grant Foster
HOLLAND & HART LLP
P.O. Box 11583
Salt Lake City, Utah 84147-0583
Telephone: (801) 799-5830
Facsimile: (801) 799-5700

Enclosed are the items listed below submitted regarding the matter identified above:

1. Transmittal Letter with Certificate of Mailing included
2. PTO Return Postcard Receipt
3. Response to Office Action
4. Supplemental Information Disclosure Statement
5. Fee Transmittal
6. Check for \$350.00

Deposit Account Authorization - The Commissioner is hereby authorized to charge payment of any applicable fees to Deposit Account No. 08-2623.

Date: 3 August 2006

By: *[Signature]*
L. Grant Foster
Reg. No. 33,236

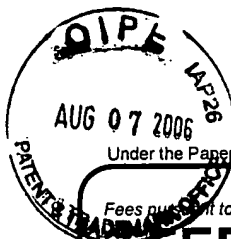
CERTIFICATE OF MAILING

I hereby certify the items listed above as enclosed are being deposited with the U.S. Postal Service as either first class mail or Express Mail, if the blank for Express Mail No. is completed below, in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the below indicated date.

Express Mail No.

Date: 3 August 2006

Signature: *Kathy Case*
Name: Kathy Case



Effective on 12/08/2004.
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL

For FY 2005

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 350.00

Complete if Known

Application Number	10/726,966
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First Named Inventor	Catherine A. Pipenhagen et al.
Examiner Name	Julian W. Woo
Art Unit	3731
Attorney Docket No.	47563.0012

METHOD OF PAYMENT (check all that apply)

- ☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____
- ☒ Deposit Account Deposit Account Number: 08-2623 Deposit Account Name: Holland & Hart LLP
- For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)
- ☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee
- ☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description

Each claim over 20 (including Reissues)
Each independent claim over 3 (including Reissues)
Multiple dependent claims

Fee (\$)	Small Entity Fee (\$)
	Fee (\$)
50	25
200	100
360	180
Multiple Dependent Claims	
Fee (\$)	Fee Paid (\$)

Total Claims 45 - 20 or HP = 3 x 50.00 = 150.00

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims 10 - 3 or HP = 1 x 200 = 200.00

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets - 100 = Extra Sheets / 50 = Number of each additional 50 or fraction thereof x Fee (\$)

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

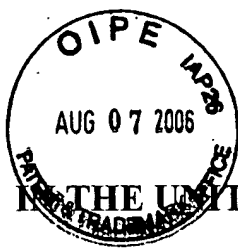
Other (e.g., late filing surcharge):

Fees Paid (\$)

SUBMITTED BY		Registration No.	Telephone
Signature		(Attorney/Agent) 33,236	801-799-5830
Name (Print/Type)	L. Grant Foster	Date	3 August 2006

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

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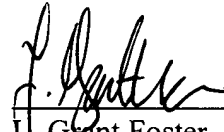
The citations listed on attached Form PTO/SB/08A may be material to the examination of the subject application. The Examiner is requested to review and make these references of record in the above-referenced application.

This submission does not represent that a search has been made or that no better art exists. Further, this submission does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and Applicant determines that the cited documents do not constitute "prior art," Applicant reserves the right to present the relevant facts and law regarding such documents. Applicant reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

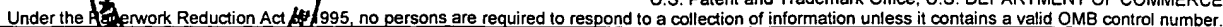
Applicant respectfully requests expeditious examination and a favorable action on the merits.

Respectfully submitted,

Date: 3 August 2006



J. Grant Foster
Reg. No. 33,236



Approved for use through 09/30/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for H.R. 1449/PTC

(Use as many sheets as necessary)

Sheet	1	of	2
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Complete if Known

Application Number	10/726,966
Filing Date	3 December 2003
First Named Inventor	Catherine A. Pipenhagen et al.
Art Unit	3731
Examiner Name	Julian W. Woo
Attorney Docket Number	47563.0012

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (<i># known</i>)			
		US- 6,179,863		Kensey et al.	
		US- 6,090,130		Nash et al.	
		US- 6,045,569		Kensey et al.	
		US- 5,700,277		Nash et al.	
		US- 5,707,393		Kensey et al.	
		US- 5,441,517		Kensey et al.	
		US- 5,861,004		Kensey et al.	
		US- 6,007,563		Nash et al.	
		US- 6,183,496		Urbanski	
		US- 5,282,827		Kensey et al.	
		US- 5,306,254		Nash et al.	
		US- 5,392,918		Harrison	
		US- 5,411,520		Nash et al.	
		US- 5,549,633		Evans et al.	
		US- 5,620,461		Muijs Van de Moer et al.	
		US- 5,676,689		Kensey et al.	
		US- 5,681,334		Evans et al.	
		US- 5,700,277		Nash et al.	
		US- 5,707,393		Kensey et al.	

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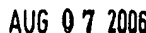
Examiner
Signature

Date	
Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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Substitute for form 1449/PTO

(Use as many sheets as necessary)

Sheet	2	of	2
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U. S. PATENT DOCUMENTS

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